Table A Spill Type

A	Surface	Oil	Incident	or	Investigation

Groundwater Oil Incident or Investigation

Hazardous Materials Incident or Investigation

	Table C
	Causes
00	None - No Cause
01	Corrosion (tank)
03	Piping Corrosion
04	Corrosion Other (all other corrosion induced leaks,
	not involving pipes)
05	Physical breakage
06	Piping or Hose failure
07	Valve Failure
08	Loose Fitting
09	Overfill (tank or vessel)
10	Bilge Discharge
11	Accident (traffic)
12	Marine Incident
14	Accident other
15	Storm Damage
16	Poor Workmanship
17	Human error
18	Unknown

Table D - Detection/Discovery Method

Detection Method

Note: One Code Number from each column (Primary and Detection) is needed to form a complete code. Example - 3G

Vandalism

Deliberate Discharge

Other Known Cause

Mechanical or Process Failure

19

20 21

30

Primary Code

Code	Meaning	Code	Meaning
1	DEP Personnel	A	UST Tank Anomaly
2	Spiller	C	Alarms/
3	Citizen Complaint		Monitoring Well
4	Public Official	D	Tank and/or
5	Anonymous		Piping Testing
6	Contractor/		
	Consultant	G	Water Analysis
		H	Odor/Vapor/Mist
		I	Other
		J	Tank and/or
			Piping Removal
		L	Visual Product
		N	AST Tank Anomaly
		0	Site Assessment

Table B Product Reported Spilled

Fuel Oil	
0.1	#1 Fuel Oil - Kerosene
0.2	#2 Fuel Oil
03	#3 Fuel Oil
0.4	#4 Fuel Oil
0.5	#5 Fuel Oil
0.6	#6 Fuel Oil
0.7	Heating Oil Unspecified
Motor Fuel	
2.0	Gasoline Unspecified
2.2	Leaded Gasoline
2.3	Unleaded Gasoline
2.4	Aviation Gasoline
2.5	Jet Fuel
2.9	Diesel
3 0	Unspecified Motor Fuel
Oils Other	
10	Lube Oil
4 1	Asphalt
6.1	Crude Oil
8.0	Unspecified Oil
8 1	Waste Oil/Used Motor Oil
8 4	Transmission Oil
8.6	Hydraulic Oil
8 7	Transformer Oil Non PCB (under 50 ppm)
Hazardous	Chemical
7.0	Pesticide General
7.1	PCB Oil (over 50ppm)
7.2	Sulfuric Acid
7.3	Caustic Soda
7.4	Chlorine
7.5	
7.6	
77	Hydrochloric Acid
7.8	Medical Waste
79	Hazardous Chemical (Specified in Report)
9 0	Liquors (White, Green etc Specify in Report)
	dous Chemical
8 3	Anti-freeze
9 1	Non-Hazardous Chemical Unspecified
9 2	Non-Hazardous Chem. (Specified in Report)
Non-Chemic	
5 0	Animal Fats/Remains
5 1	Marsh Sheen (organic scale sheen)

Algae Blooms or Plant Pollen 'Sheens'

Non-Chemical Non-Oil (Specified in Report)

Non-Chemical Non-Oil Unspecified

Demolition Debris

Unknown Substance

Water Storage

None

52

54

12

All Others

Table E Incident Code

First and second fields -Pick one major category and one subcategory

A Business
ID-Industrial
CM-Commercial

FM-Farm OT-Other

B Residential

SF-Single Family MF-Multifamily OT-Other

C Terminal

LI-Licensed BP-Bulk Plant SS-Service Station MA-Marina

MA-Marina OT-Other

D Vessel

FI-Fishing TA-Tank Vessel FR-Freighter PL-Pleasure GV-Government OT-Other E Transportation

TT-Tank Truck PV-Private Vehicle TR-Truck

RR-Railroad AC-Air Craft OT-Other

F Other Known Source RE-Religious

OT-Other Known Source

G Mystery

MY-Mystery

H Government

ML-Military FD-Federal ST-State LC-Local OT-Other

I Utility

PW-Power WA-Water SW-Sewer

TC-Telecommunications

OT-Other

Third Field - Medium Effected Pick one

A-Atmosphere C-Coastal Water G-Groundwater I-Inland Surface Water L-Land

L-Land N-None

O-Land and Coastal Surface Water P-Land and Inland Surface Water

Q-Groundwater and Coastal Surface Water R-Groundwater and Inland Surface Water

S-Land and Groundwater

Fourth Field - Storage Tank Coding

U - Underground Tank(s) Involved A - Above Ground Tank(s) Involved

Table K Methods of Recovery/Treatment

Meaning Code Vacuum Trucks A Pumps В Sorbents C Skimmers D Excavation G Burning Н Treatment in Place Ι J Other K None (Treated by) Licensed Treatment Facility L

	Table A
	Spill Type
Α	Surface Oil Incident
В	Groundwater Oil Incident
С	Hazardous Materials Incident
D	Surface Oil Investigation
E	Groundwater Oil Investigation
F	Hazardous Materials Investigation
	Table C - Cause
00	None - No Cause
01	External Corrosion (tank)
02	Internal Corrosion (tank)
03	Piping Corrosion
04	Corrosion Other (all other corrosion induced leaks,
	not involving pipes)
0.5	Physical breakage
06	Piping or Hose failure
07	Valve Failure
08	Loose Fitting
09	Overfill (tank or vessel)
10	Bilge Discharge
11	Accident (traffic, vessel collision or grounding)
12	Sunken Vessel
13	Containment unit sunken
14	Accident other
15	Storm Damage
16	Poor Workmanship (improper installation)
17	Human error
18	Unknown
19	Vandalism
20	Deliberate Discharge
21	Mechanical or Process Failure
30	Other Known Cause
	Table D - Detection/Discovery Method
	a a la Na la faranta alam Diana and

Note: One Code Number from each column (Primary and Detection) is needed to form a complete code. Example - 3G

Primary Code

Detection Method

Code	Meaning	Code	Meaning
1	Routine Surveillance	A	Standard Inventory
2	Spillor	В	Statistical Inventory
3	Citizen Compaint		Analysis
4	Public Official	C	Monitoring Wells
5	Anonymous	D	Precision Test
6	Contractor	E	Water In Tank
		F	Surface Breakout
		G	Contaminated Well Complaint
		H	Vapors In Structure
		1	Other
		J	Tank Removal
		K	Sheen on the Water

Table B Product Reported Spilled

	211111111111111111	
90	Liquor (White, Green ect - Specify in Report))
9 1	Non-Hazardous Chemical Unspecified	

92	Non-Hazardous	Chem.	(Specified	in	Report)

Non-Chemical Non Oil

0.0

12

None

Time and the second	
5 0	Animal Fats/Remains
5 1	Marsh Sheen (organic scale sheen)
5 2	Algae Blooms or Plant Pollen 'Sheens'
5 3	Demolition Debris
5 4	Non-Chemical Non-Oil Unspecified
5.5	Non-Chemical Non-Oil (Specified in Report)
8.5	Water Storage
All Others	
All Ciners	

Unknown Substance

Table E Incident Code

First and second fields -Pick one major category and one subcategory

A Industrial
ID-Industrial
CM-Commercial
EM-Farm

OT-Other

B Residential

SF-Single Family MF-Multifamily OT-Other

C Terminal LI-Licensed

BP-Bulk Plant SS-Service Station OT-Other

Vessel

FI-Fishing TA-Tanker FR-Freighter

PL-Pleasure GV-Government OT-Other E Transportation

TT-Tank Truck PC-Private Car

TR-Commercial Truck

RR-Railroad AC-Air Craft OT-Other

F Other Known Source NA-Not Applicable

G Mystery

NA-Not Applicable

H Government, Municipal or Religious Facility (schools, hospitals, jail, church,etc.) NA-Not Applicable Third Field - Medium Effected Pick one

A-Atmosphere C-Coastal Water G-Groundwater I-Inland Surface Water L-Land D-Data Not In Report

N-None

P-Land and Inland Surface Water Q-Groundwater and Coastal Surface Water R-Groundwater and Inland Surface Water

O-Land and Coastal Surface Water

S-Land and Groundwater

Fourth Field - Storage Tank Coding

U - Underground Tank(s) Involved
 A - Above Ground Tank(s) Involved
 Note: Please use one of these codes
 whenever a tank is involved in your report

Table K Methods of Recovery

Code	Meaning
A	Vacuum Trucks
В	Pumps and Skimmers
C	Commercial Sorbents
D	Sand
E	Hay
F	Other Natural Sorbents
G	Excavation
H	Burning
I	Treatment in Place
J	Other
K	None
L	Treated by Licensed Neutralization Unit

Tank Age Code Meaning 1 0-5 years 2 6-1011-15 " 3 16-20 " 4 5 21-25 " 26-30 " 6 30+

Table P

Unknown

Table M

Ac = Active Tank Ab = Abandoned Tank

8

Table L (Table 3) Construction Materials For Tanks and Piping

Code	Meaning
Α	Steel-bare or asphalt coated
В	Steel-bare with internal lining
C	Steel with cathodic protection
D	Steel with secondary containment
E	Fiberglass - reinforced plastic - petroleum only
F	Fiberglass - reinforced plastic - alcohol & petro
G	Fiberglass - reinforced plastic -
	secondary containment - petroleum only
H	Fiberglass - reinforced plastic -
	secondary containment - petroleum & Alcohol
I	Composite - fiberglass - reinforced plastic -
	bonded to steel
J	Composite with cathodic protection
K	Composite with secondary containment
L	Black iron - cast iron - iron conduit
M	Galvanized steel .
N	Other
0	Copper
P	Black Steel
Q	PVC
R	Stainless Steel
S	Concrete
T	Hydraulic
U	Carbon Steel

	Table A Spill Type
Α	Surface Oil Incident
В	Groundwater Oil Incident
С	Hazardous Materials Incident
D	Surface Oil Investigation
Ε	Groundwater Oil Investigation
F	Hazardous Materials Investigation
	Table C Causes
00 01 02 03 04 05 06 07 08 09 10 11	None - No Cause External Corrosion (tank) Internal Corrosion (tank) Piping Corrosion Corrosion Other (all other corrosion induced leaks non-pipe) Physical breakage Piping or Hose failure Valve Failure Loose Fitting Overfill (tank or vessel) Bilge Discharge Accident (traffic, vessel collision or grounding) Sunken Vessel
13 14	Containment unit sunken Accident other
15	Storm Damage

Table D Discovery Method

Poor Workmanship (improper installation)

16

17

18 <u>19</u>

20

Human error

Deliberate Discharge

Unknown

Vandalism

Note: One Code Number from each column (Primary and Detection) is needed to form a complete code. Example - 3G not just 3 or just G.

Primary Code		Detection Method	
Code	Meaning	Code	Meaning
1	Routine Surveillance	A	Standard Inventory
2	Spiller	В	Stat. Inventory Anal.
3	Citizen Complaint	C	Monitoring Wells
4	Public Official	D	Precision Test
5	Anonymous	E	Water In Tank
6	Contractor	F	Surface Breakout
		G	Contaminated Well Complaint
		H	Fumes In Structure
		I	Other
		J	Tank Removal

Table B Product Reported Spilled

Fuel Oil	
01	#1 Fuel Oil - Kerosene
02	#2 Fuel Oil
03	#3 Fuel Oil
04	#4 Fuel Oil
05	#5 Fuel Oil
06	#6 Fuel Oil
07	Heating Oil Unspecified
Motor Fuel	
20	Gasoline Unspecified
21	Regular Gasoline
22	Premium Leaded Gasoline
23	Unleaded Gasoline
24	Aviation Gasoline
25	JP 3
26	JP 4
27	JP 1
28	Premium Unleaded Gasoline
29	Diesel
30	Unspecified Motor Fuel
Oils Other	
10	Lube Oil
41	Asphalt
61	Crude Oil
80	Unspecified Oil
81	Waste Oil/Used Motor Oil
84	Transmission Oil
86	Hydraulic Oil
87	Transformer Oil
	Non PCB (under 50 ppm)
Hazardous Che	
70	Pesticide General
71	PCB Oil (over 50ppm)
72	Sulfuric Acid
73	Caustic Soda
74 75	Chlorine
Non-Hazardous	Hazardous Chemical Unspecified
Non-riazaraous 83	Anti-freeze
90	
91	Black Liquor Non-Hazardous Chem. Unspec.
Non-Chemical N	
50	Animal Fats/Remains
51	Marsh Sheen (organic scale sheen)
52	Algae Blooms or Plant Pollen 'Sheens'
53	Demolition Debris
54	Non-Chem. Non-Oil Unspec.
85	Water Storage
All Others	water otorage
00	None
	Unknown Substance
****	Chamical See Herandeus Chamical &
**11	Chemical See Hazardous Chemical & Non- Hazardous Chemical lists.
	** Do not use this Number - For
	Tank Registration use only

Table E Incident Code

First and second fields -

Pick one major category and one subcategory

A Industrial ID-Industrial CM-Commercial OT-Other

B Residential

SF-Single Family MF-Multifamily OT-Other

C Terminal LI-Licensed

BP-Bulk Plant SS-Service Station OT-Other

D Vessel

FI-Fishing
TA-Tanker
FR-Freighter
PL-Pleasure
GV-Government
OT-Other

E Transportation

TT-Tank Truck PC-Private Car TR-Commercial Truck

RR-Railroad AC-Air Craft OT-Other

F Other Known Source NA-Not Applicable

G Mystery

NA-Not Applicable

 H Government, Municipal or Religious Facility (schools, hospitals, jall, church,etc.)

NA-Not Applicable N No Source Data

NA-Not Applicable

Third field - Medium Effected Pick one

A-Atmosphere C-Coastal Water G-Groundwater I-Inland Surface Water

L-Land

D-Data Not In Report

N-None

O-Land and Coastal Surface Water P-Land and Inland Surface Water Q-Groundwater and Coastal Surface Water

R-Groundwater and Inland Surface Water

S-Land and Groundwater

.....

Fourth Field - Underground Tank Coding

U - Underground Tank Involved Note: Always place a "U" in the fourth field if underground tanks are invloved in the Report.

Table K Methods of Recovery

Code Meaning

Code	Meaning
Α	Vacuum Trucks
В	Pumps and Skimmers
C	Commercial Sorbents
D	Sand
E	Hay
F	Other Natural Sorbents
G	Excavation
H	Burning
I	Treatment in Place
J	Other
K	None

Table M Tank Age

Code	Meaning
1	0-5 years
2	6-10 "
3	11-15 "
4	16-20 "
5	21-25 "
6	26-30 "
7	30+ "
8	Unknown

Table N Licensing And Enforcement

Code	Meaning
1	Informal
2	Consent agrement
3	Clean-up order
4	Summons to District Court
5	Referral to Attorney General
6	Other than Above

Table L (Table 3) Construction Materials For Tanks and Piping

Code	Meaning
Α	Steel-bare or asphalt coated
В	Steel-bare with internal lining
C	Steel with cathodic protection
D	Steel with secondary containment
E	Fiberglass - reinforced plastic - petroleum only
F	Fiberglass - reinforced plastic - alcohol & petroleum
G	Fiberglass - reinforced plastic -secondary containment - petroleum only
Н	Fiberglass - reinforced plastic -secondary containment - petroleum & Alcohol
I	Composite - fiberglass - reinforcedplastic - bonded to steel
J	Composite with cathodic protection
K	Composite with secondary containment
L	Black iron - cast iron - iron conduit
M	Galvanized steel
N	Other
0	Copper
P	Black Steel
Q	PVC
R	Stainless Steel
S	Concrete
T	Hydraulic
U	Carbon Steel

Table P

Ac = Active Tank Ab = Abandoned Tank

OLD CODE SHEETS

(Prior to February 15, 1988)

Table A Spill Type

1	Oil Incident
2	Hazardous Materials Incident
3	Oil Investigation
4	Hazardous Materials Investigation

Table B Product Reported Spilled

00 01 02 03	None #1 Kerosene (#1 Fuel Oil) #2 Fuel Oil #3 Fuel Oil
04	#4 Fuel Oil
05	#5 Fuel Oil
06	#6 Fuel Oil
07	Heating Oil Unspecified
08	
09	
10	Lube Oil
11	Chemical
12	
13	Unknown
14	
15	
16	
17	
18	
19	
20	Gasoline Unspecified
21	Regular Gasoline
22	Premium Leaded Gasoline
23	Unleaded Gasoline
24	Aviation Gasoline
25	JP 3
26	JP 4
27	JP I, Jet A
28	Premium Unleaded Gasoline
00	
29	Diesel
41	Diesel Asphalt
41	Asphalt Crude Oil Other Unspecified (Oil)
41 61	Asphalt Crude Oil Other Unspecified (Oil)
41 61 80	Asphalt Crude Oil
41 61 80 81	Asphalt Crude Oil Other Unspecified (Oil) Waste Oil/Used Motor Oil
41 61 80 81 82	Asphalt Crude Oil Other Unspecified (Oil) Waste Oil/Used Motor Oil Bulk Oil
41 61 80 81 82 83	Asphalt Crude Oil Other Unspecified (Oil) Waste Oil/Used Motor Oil Bulk Oil Anti-freeze
41 61 80 81 82 83	Asphalt Crude Oil Other Unspecified (Oil) Waste Oil/Used Motor Oil Bulk Oil Anti-freeze Transmission Oil

Table C Oil Spill Causes

Non-Vessel Related

Code	Meaning
A1	Tank, External Corrosion
A2	Tank, Internal Corrosion
A3	Tank, Physical Breakage
A4	Tank, Poor Workmanship
A5	Piping, Corrosion
A6	Piping, Physical Breakage
A7	Piping, Loose Joint
A8	Piping, PoorWorkmanship
A9	TankOverfill
A10	TankMovement
A11	Vehicle Accident
A12	Vandalism
A13	Other Known Source
A14	Unknown
A15	Humanerror

Vessel Related

Code	Meaning	
B1	Structural Failure	
B2	Tank Overfill	
B3	Piping or Hose Failure	
B4	Valve Failure	
B5	Collision or Grounding	
B6	Sunken Vessel	
B7	Bilge Discharge	
B8	Other Known Source	
B9	Unknown	
B10	Human Error	

Table D DETECTION METHODS

Surface Spill		Groundwater Spill	
Code	Meaning	Code	Meaning
S1	routine surveillance	G1	standard inventory
S2	spillor	G2	statatistical inventory
S3	citizen complaint		analysis
S4	public official	G3	monitoring well
S5	anonymous	G4	precision test
		G5	water in tank
		G6	surface breakout (product in ditch, etc.)
		G7	contaminated well complaint
		G8	fumes in structure complaint
		G9	Other

Table E -- Incident Code

The Incident Code can be comprised of up to 5 Characters. The first Character must be one of the A, B, C, D, E, F, or G codes. If the first Character is coded C, D, or E, then the second and third Characters must be selected from those listed below the respective letter. Tacked on to the end of the code must be one of the codes in the last column which designates the impacted resource.

A B C LI BP SS SF MF CM	Meaning Industrial Residential Terminal Licensed Bulk Plant Service Station Single Family Residential Multiple Family Residential Commercial (contractor, trucking firm) Industrial (paper mill, industrial)	D FI TA FR PL GV OT	Meaning Vessel Fishing Tanker Freighter Pleasure Government Vessel Other	Code L C G LC LI GC GI LG A N	Meaning Land Inland Surface Water Coastal Water Groundwater Land and Coastal Water Land and Inland Surface Water Ground and Coastal Surface Water Ground and Inland Surface Water Land and Ground Water Atmosphere None
E	Transportation Tank Truck	F	Other Known Source		
PC TR RR	Private Car Commercial Truck Railroad	G	Mystery		

Table K Recovery Methods			
Code	Meaning		
Α	Vacuum Trucks		
В	Pumps, skimmers		
C	Commercial Sorbents		
D	Sand		
E	Hay		
F	Other Natural Sorbents		
G	Excavation		
H	Burning		
I	Treatment in Place		
J	Other		

Tank Age		
Meaning		
0-5 years		
11-15 years		
16-20 years		
21-25 years		
Unknown		
	Meaning 0-5 years 6-10 years 11-15 years 16-20 years 21-25 years 26-30 years 30+ years	

Table N Licensing And Enforcement

Table M

Code	Meaning
1	Informal
2	Consentagreement
3	Clean-up order
4	Summons to District Court
5	Referral to Attorney General
6	Otherthan Above
6	Other than Above

Table L (Table 3) Construction Materials For Tanks and Piping

Code	Meaning
A	Steel - bare or asphalt coated
В	Steel - with internal lining
C	Steel - with cathodic protection
D	Steel - secondary containment
E	Fiberglass - reinforced plastic - petroleum only
F	Fiberglass - reinforced plastic - alcohol & petroleum
G	Fiberglass - reinforced plastic -secondary containment - petroleum only
Н	Fiberglass - reinforced plastic -secondary containment - petroleum & alcohol
I	Composite - fiberglass - reinforced plastic bonded to steel
J	Composite - cathodic
K	Composite - secondary containment
L	Black iron - cast iron - iron conduit
M	Galvanized steel
N	Other
0	Copper
P	Black Steel
B	PVC
R	Stainless Steel
S	Concrete
T	Hydraulic
U	Carbon Steel

Table P

Ac = Active Tank Ab = Abandoned Tank

The UN Hazard Class (or Division) number may be displayed at the bottom of a placard or label, or on a shipping paper after the shipping name.

Table F UNITED NATIONS CLASSIFICATION SYSTEM

United Nations Class or Division numbers may be displayed at the bottom of placards or in the hazardous naterials description on shipping papers. In certain cases, this Class or Division number may replace the written name of the hazard class in the shipping paper description. The Class and Division numbers have the following meanings:

Class 1	Explosives	Class 4	Flammable solids, Spontaneously
Division 1.1	Explosives with a mass explosion hazard		combustible materials,
Division 1.2	Explosives with a projection hazard		and, Materials dangerous when wet
Division 1.3	Explosives with predominantly a fire hazard	Division 4.1	Flammable solids
Division 1.4	Explosives with no significant blast hazard	Division 4.2	Spontaneously combustible materials
Division 1.5	Very insensitive explosives	Division 4.3	Materials that are dangerous when wet
Class 2	Gases	Class 5	Oxidizers and Organic Peroxides
Division 2.1	Flammable gases	Division 5.1	Oxidizers
Division 2.2	Nonflammable gases	Division 5.2	Organic peroxides
Division 2.3	Poison gases	Class 6	Poisonous and Etiologic (infectious)
Class 3	Flammable liquids		materials
Division 3.1	Flashpoint below -18 C (0 F)	Division 6.1	Poisonous materials
Division 3.2	Flashpoint -18 C and above	Division 6.2	Etiologic (infectious) materials
	but less than 23 C (73 F)	Class 7	Radioactive materials
Division 3.3	Flashpoint of 23 C and up to 61 C (141 F)	Class 8	Corrosives
		Class 9	Miscellaneous hazardous materials

from 1984 DOT Emergency Response Handbook

Table G EXPOSURE LEVEL CODES

PERSONAL EXPOSURE TO HAZARDOUS CHEMICAL

Code	Meaning

- 1 No known exposure
- 2 Low below Threshold Limit Value (TLV), values by AGCIH
- 3 Moderate near TLV
- 4 High above TLV
- 5 Extreme above value Immediately Dangerous to Life or Health (IDLH), a value determined by NIOSH-OSHA SCP program

(See NIOSH/OSHA Pocket Guide to Chemical Hazards)

Table H PERSONAL PROTECTION EQUIPMENT

Code	Meaning
Coule	WESTILLIA

- A Full enclosure suit and supplied air system
- B Splash suit and supplied air system
- C Respirator
- and splash gear
- and coveralls
- D Coveralls and face protection
- E Othe

(As recommended by EPA Manual)

Table I HEALTH CONSIDERATIONS

Code Meaning

- No problems noted
- 2 Personal health affected, name or describe illness in REMARKS.
- 3 Responder required first aid
- 4 Responder required physician, give name
- 5 Other effects noted; describe in REMARKS

Table J

TRAINING CREDITS FOR ON-SITE EXPERIENCE

- Response Safety Experience
 - A. Pre-entry logistics
 - B. Protective clothing
 - C. Respiratory protection
 - D. Field testing -
 - 1. monitoring instrumentation
 - 2. environmental sampling
 - 3. neat sampling
 - E. Decontamination
 - F. Basic firefighting safety
- 2. Treatment & Mitigation Experience
 - A. Excavation
 - B. Neutralization
 - C. Dispersion
 - D. Separation
 - E. Well installation -
 - sampling
 - 2. recovery
 - F. Drums handling -
 - patching
 - overpacking
 - G. Product removal from tanker
 - H. Physical barriers -
 - 1. booms
 - 2. weir
 - 3. underflow dam
 - Boat handling
 - J. Use of communications equipment